



Tammy Tyler
Sr. Regulatory Product Manager
Tel. 336 632-6055
email: tammy.tyler@syngenta.com

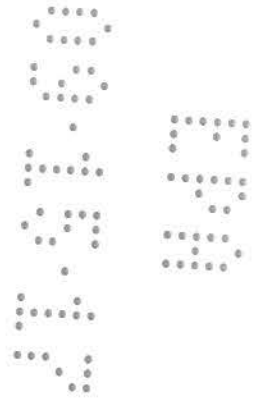
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419-8300

L 0001799

Via FedEx®

September 14, 2017

Document Processing Desk [6(a)(2)]
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Document Processing Room – S-4900
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202



**SUBJECT: SUBMISSION OF INFORMATION UNDER FIFRA SECTION 6(a)(2)
CONCERNING THE ACTIVE INGREDIENT ABAMECTIN, EPA
REGISTRATION No. 100-895**

In accordance with EPA's current interpretation of the reporting requirements of Section 6(a)(2) of FIFRA, Syngenta Crop Protection, LLC wishes to bring to your attention information from a 22-day Larval Toxicity Study with the Honey Bee, *Apis mellifera* L., during an *In Vitro* Exposure. This study was conducted in response to fulfill a US EPA data call-in requirement for a chronic larval endpoint in the honey bee with abamectin.


Results from this 22-day honey bee larval toxicity study (full larval/pupal development to adult emergence) were as follows:

	Nominal Dose (ng a.i./larva)		
	NOED	LOED	LD50/ED50
Larval survival	0.090	0.27	0.24
Pupal survival	0.010	0.030	0.28
Adult emergence	0.010	0.030	0.087

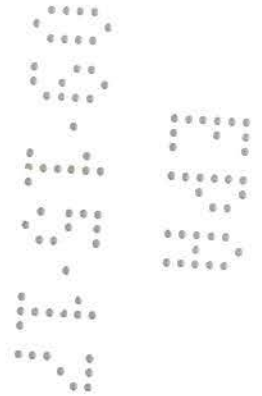
No other 22-day larval study has been completed for abamectin technical or end-use formulations containing abamectin. The previous "chronic" larval endpoints (NOED) for abamectin were derived from 8-day larval repeat dose studies (larval development only).

Please do not hesitate to contact me at (336) 632-6055 if there are any questions.

Sincerely,

A handwritten signature in cursive script that reads "Tammy Tyler".

Tammy Tyler
Sr. Regulatory Product Manager
Regulatory Affairs
Syngenta Crop Protection, LLC

The Syngenta logo, consisting of the word "SYNGENTA" in a stylized, dotted font. The letters are arranged in a grid-like pattern, with the "S" and "Y" being larger and more prominent.